

L6 ANSWER 18 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2002:555763 CAPLUS  
 DOCUMENT NUMBER: 137:106086  
 TITLE: Detection of glucose in solutions also containing an  
 alpha-hydroxy acid or a beta-diketone  
 INVENTOR(S): Daniloff, George Y.; Kalivrentenos, Aristotle G.;  
 Nikolaitchik, Alexandre V.  
 PATENT ASSIGNEE(S): Sensors for Medicine and Science, Inc., USA  
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 CODEN: PIXXD2  
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 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 4  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002057788	A2	20020725	WO 2002-US199	20020104
WO 2002057788	A3	20031127		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2002090734	A1	20020711	US 2001-754217	20010105
US 2002127626	A1	20020912	US 2001-29184	20011228
CA 2433863	A1	20020725	CA 2002-2433863	20020104
EP 1388014	A2	20040211	EP 2002-713356	20020104
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
JP 2005500512	T	20050106	JP 2002-558018	20020104
BR 2002006304	A	20060124	BR 2002-6304	20020104
PRIORITY APPLN. INFO.:			US 2001-754217	A 20010105
			US 2001-269887P	P 20010221
			US 2001-329746P	P 20011018
			US 2001-29184	A 20011228
			WO 2002-US199	W 20020104

OTHER SOURCE(S): MARPAT 137:106086

AB The invention concerns compns. and methods for determining the presence or concentration of glucose in a sample which may also contain an alpha-hydroxy acid

or a beta-diketone. The method uses a compound having at least two recognition elements for glucose, oriented such that the interaction between the compound and glucose is more stable than the interaction between the compound and the alpha-hydroxy acid or beta-diketone, such that the presence of the alpha-hydroxy acid or the beta-diketone does not substantially interfere with said determination

IT 443290-73-1P

RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)

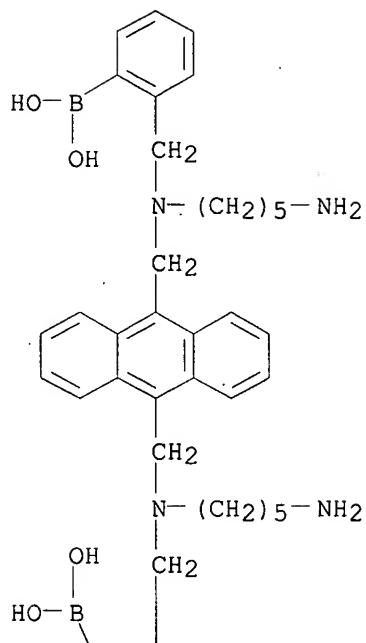
(detection of glucose in solns. also containing alpha-hydroxy acid or a beta-diketone)

RN 443290-73-1 CAPLUS

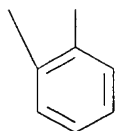
CN Boronic acid, [9,10-anthracenediylbis[methylene[(5-aminopentyl)imino]methylene-2,1-phenylene]]bis-, bis(trifluoroacetate) (9CI) (CA INDEX NAME)

CRN 443290-72-0  
CMF C40 H52 B2 N4 O4

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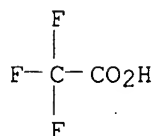


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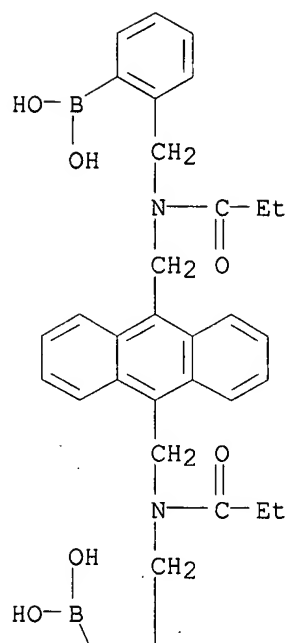
CM 2

CRN 76-05-1  
CMF C2 H F3 O2



IT 441011-77-4P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(detection of glucose in solns. also containing alpha-hydroxy acid or a  
beta-diketone)  
RN 441011-77-4 CAPLUS  
CN Boronic acid, [9,10-anthracenediylbis[methylene[(1-oxopropyl)imino]methylene-2,1-phenylene]]bis- (9CI) (CA INDEX NAME)

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